

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**FOIL and Factor pop quiz (version 1)**

**FOIL the expressions shown below:**

1.  $(x - 6)(x - 3)$

2.  $(x + 5)(x + 2)$

3.  $(x + 1)(x - 9)$

4.  $(x - 3)(x + 1)$

5.  $(x - 5)(x - 1)$

**Factor the expressions shown below:**

6.  $x^2 - 10x + 25$

7.  $x^2 + 9x + 18$

8.  $x^2 - 11x + 28$

9.  $x^2 + 2x - 24$

10.  $x^2 - x - 12$

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**FOIL and Factor pop quiz (version 2)**

**FOIL the expressions shown below:**

1.  $(x + 6)(x - 4)$

2.  $(x - 2)(x + 8)$

3.  $(x + 3)(x - 1)$

4.  $(x - 7)(x - 9)$

5.  $(x - 2)(x + 9)$

**Factor the expressions shown below:**

6.  $x^2 + 6x - 7$

7.  $x^2 - 5x + 4$

8.  $x^2 + 11x + 28$

9.  $x^2 + 2x - 8$

10.  $x^2 + x - 72$

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**FOIL and Factor pop quiz (version 3)**

**FOIL the expressions shown below:**

1.  $(x - 5)(x + 3)$

2.  $(x - 2)(x + 2)$

3.  $(x + 1)(x - 2)$

4.  $(x - 2)(x - 5)$

5.  $(x + 3)(x + 4)$

**Factor the expressions shown below:**

6.  $x^2 - 6x + 5$

7.  $x^2 + 16x + 63$

8.  $x^2 - 6x + 8$

9.  $x^2 + 3x + 2$

10.  $x^2 - 12x + 35$

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**FOIL and Factor pop quiz (version 4)**

**FOIL the expressions shown below:**

1.  $(x - 7)(x + 2)$

2.  $(x - 4)(x - 8)$

3.  $(x + 7)(x + 4)$

4.  $(x + 6)(x - 8)$

5.  $(x + 6)(x - 5)$

**Factor the expressions shown below:**

6.  $x^2 + 10x + 16$

7.  $x^2 - 2x - 63$

8.  $x^2 + 7x + 12$

9.  $x^2 - 6x + 5$

10.  $x^2 + 12x + 35$

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**FOIL and Factor pop quiz (version 5)**

**FOIL the expressions shown below:**

1.  $(x - 8)(x + 2)$

2.  $(x - 1)(x + 2)$

3.  $(x - 3)(x - 7)$

4.  $(x + 6)(x + 3)$

5.  $(x - 1)(x - 5)$

**Factor the expressions shown below:**

6.  $x^2 + 9x + 8$

7.  $x^2 + 10x + 24$

8.  $x^2 + 14x + 45$

9.  $x^2 + 2x + 1$

10.  $x^2 + 2x - 8$

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**FOIL and Factor pop quiz (version 6)**

**FOIL the expressions shown below:**

1.  $(x + 4)(x + 1)$

2.  $(x - 7)(x - 6)$

3.  $(x - 8)(x - 8)$

4.  $(x - 7)(x - 2)$

5.  $(x - 9)(x + 1)$

**Factor the expressions shown below:**

6.  $x^2 + 16x + 63$

7.  $x^2 + 4x - 21$

8.  $x^2 - 7x - 8$

9.  $x^2 + 9x + 20$

10.  $x^2 - 3x - 28$

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**FOIL and Factor pop quiz (version 7)**

**FOIL the expressions shown below:**

1.  $(x + 1)(x - 3)$

2.  $(x - 2)(x - 7)$

3.  $(x - 2)(x + 6)$

4.  $(x + 3)(x - 2)$

5.  $(x + 6)(x - 4)$

**Factor the expressions shown below:**

6.  $x^2 - 4x - 12$

7.  $x^2 - 14x + 48$

8.  $x^2 - 4$

9.  $x^2 - x - 30$

10.  $x^2 + 3x - 4$

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**FOIL and Factor pop quiz (version 8)**

**FOIL the expressions shown below:**

1.  $(x + 6)(x - 8)$

2.  $(x + 1)(x - 3)$

3.  $(x - 7)(x + 9)$

4.  $(x + 2)(x - 2)$

5.  $(x - 1)(x - 1)$

**Factor the expressions shown below:**

6.  $x^2 - 5x + 6$

7.  $x^2 - 7x + 12$

8.  $x^2 + 7x + 6$

9.  $x^2 - x - 2$

10.  $x^2 + 14x + 49$

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**FOIL and Factor pop quiz (version 9)**

**FOIL the expressions shown below:**

1.  $(x - 4)(x - 7)$

2.  $(x + 3)(x - 5)$

3.  $(x + 1)(x + 3)$

4.  $(x - 1)(x + 7)$

5.  $(x - 8)(x - 4)$

**Factor the expressions shown below:**

6.  $x^2 - 2x - 35$

7.  $x^2 - 6x + 5$

8.  $x^2 - 5x - 14$

9.  $x^2 + 11x + 24$

10.  $x^2 - 2x - 3$

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**FOIL and Factor pop quiz (version 10)**

**FOIL the expressions shown below:**

1.  $(x + 2)(x - 1)$

2.  $(x + 3)(x - 2)$

3.  $(x + 6)(x + 6)$

4.  $(x + 1)(x - 8)$

5.  $(x - 2)(x + 5)$

**Factor the expressions shown below:**

6.  $x^2 + 6x - 27$

7.  $x^2 + 13x + 36$

8.  $x^2 - 12x + 27$

9.  $x^2 + 3x - 54$

10.  $x^2 + 11x + 18$

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**FOIL and Factor pop quiz (version 11)**

**FOIL the expressions shown below:**

1.  $(x - 8)(x + 7)$

2.  $(x + 3)(x - 3)$

3.  $(x - 7)(x + 2)$

4.  $(x - 8)(x + 8)$

5.  $(x + 6)(x - 3)$

**Factor the expressions shown below:**

6.  $x^2 - 14x + 49$

7.  $x^2 - 5x - 24$

8.  $x^2 + 9x + 14$

9.  $x^2 - 5x + 6$

10.  $x^2 + x - 12$

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**FOIL and Factor pop quiz (version 12)**

**FOIL the expressions shown below:**

1.  $(x - 8)(x + 7)$

2.  $(x - 5)(x + 5)$

3.  $(x - 8)(x - 2)$

4.  $(x + 9)(x - 4)$

5.  $(x - 3)(x + 7)$

**Factor the expressions shown below:**

6.  $x^2 - 8x + 12$

7.  $x^2 + 7x + 10$

8.  $x^2 - 2x - 15$

9.  $x^2 - 11x + 24$

10.  $x^2 - 2x - 24$

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**FOIL and Factor pop quiz (version 13)**

**FOIL the expressions shown below:**

1.  $(x - 5)(x - 7)$

2.  $(x + 7)(x - 4)$

3.  $(x + 1)(x + 8)$

4.  $(x - 5)(x + 3)$

5.  $(x + 8)(x + 6)$

**Factor the expressions shown below:**

6.  $x^2 - 4x - 12$

7.  $x^2 - 2x - 35$

8.  $x^2 - 11x + 30$

9.  $x^2 - x - 72$

10.  $x^2 - 2x - 3$

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**FOIL and Factor pop quiz (version 14)**

**FOIL the expressions shown below:**

1.  $(x - 1)(x - 1)$

2.  $(x + 7)(x + 2)$

3.  $(x + 6)(x + 7)$

4.  $(x - 7)(x - 5)$

5.  $(x + 1)(x + 4)$

**Factor the expressions shown below:**

6.  $x^2 + 2x - 35$

7.  $x^2 - 11x + 18$

8.  $x^2 - x - 12$

9.  $x^2 - 9x + 20$

10.  $x^2 - 11x + 30$

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**FOIL and Factor pop quiz (version 15)**

**FOIL the expressions shown below:**

1.  $(x + 6)(x - 5)$

2.  $(x - 4)(x + 8)$

3.  $(x + 3)(x + 2)$

4.  $(x - 9)(x + 3)$

5.  $(x + 1)(x - 8)$

**Factor the expressions shown below:**

6.  $x^2 - 15x + 56$

7.  $x^2 - 4$

8.  $x^2 - 5x - 24$

9.  $x^2 - 1$

10.  $x^2 - 12x + 27$

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**FOIL and Factor pop quiz (version 16)**

**FOIL the expressions shown below:**

1.  $(x - 9)(x + 6)$

2.  $(x + 5)(x + 8)$

3.  $(x + 1)(x - 7)$

4.  $(x - 1)(x - 4)$

5.  $(x + 4)(x - 2)$

**Factor the expressions shown below:**

6.  $x^2 - 4$

7.  $x^2 + 10x + 16$

8.  $x^2 + 3x - 28$

9.  $x^2 - 2x - 8$

10.  $x^2 + 8x - 9$

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**FOIL and Factor pop quiz (version 17)**

**FOIL the expressions shown below:**

1.  $(x - 2)(x + 9)$

2.  $(x + 3)(x + 6)$

3.  $(x + 4)(x - 3)$

4.  $(x + 6)(x - 9)$

5.  $(x + 1)(x - 4)$

**Factor the expressions shown below:**

6.  $x^2 - 25$

7.  $x^2 + 16x + 63$

8.  $x^2 - 9x + 14$

9.  $x^2 - 8x + 12$

10.  $x^2 + 10x + 16$

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**FOIL and Factor pop quiz (version 18)**

**FOIL the expressions shown below:**

1.  $(x + 1)(x + 7)$

2.  $(x - 4)(x + 9)$

3.  $(x + 2)(x + 3)$

4.  $(x + 8)(x - 6)$

5.  $(x - 2)(x + 4)$

**Factor the expressions shown below:**

6.  $x^2 - x - 12$

7.  $x^2 - 10x + 9$

8.  $x^2 + 7x + 6$

9.  $x^2 - 7x + 6$

10.  $x^2 - 2x - 15$

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**FOIL and Factor pop quiz (version 19)**

**FOIL the expressions shown below:**

1.  $(x - 7)(x + 1)$

2.  $(x - 7)(x + 4)$

3.  $(x - 9)(x + 3)$

4.  $(x - 2)(x + 7)$

5.  $(x - 5)(x + 3)$

**Factor the expressions shown below:**

6.  $x^2 + x - 2$

7.  $x^2 + x - 12$

8.  $x^2 - x - 2$

9.  $x^2 - 16$

10.  $x^2 - 11x + 30$

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**FOIL and Factor pop quiz (version 20)**

**FOIL the expressions shown below:**

1.  $(x + 2)(x - 4)$

2.  $(x - 8)(x + 4)$

3.  $(x - 7)(x - 1)$

4.  $(x + 5)(x + 4)$

5.  $(x - 1)(x + 8)$

**Factor the expressions shown below:**

6.  $x^2 - 7x + 10$

7.  $x^2 - 13x + 40$

8.  $x^2 + 2x - 8$

9.  $x^2 + 6x - 7$

10.  $x^2 - 4x - 5$

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**FOIL and Factor pop quiz (version 21)**

**FOIL the expressions shown below:**

1.  $(x - 9)(x - 7)$

2.  $(x + 6)(x + 7)$

3.  $(x + 1)(x - 6)$

4.  $(x - 4)(x - 2)$

5.  $(x - 7)(x - 8)$

**Factor the expressions shown below:**

6.  $x^2 + 6x + 5$

7.  $x^2 - x - 2$

8.  $x^2 - x - 56$

9.  $x^2 - x - 72$

10.  $x^2 + 8x + 7$

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**FOIL and Factor pop quiz (version 22)**

**FOIL the expressions shown below:**

1.  $(x - 1)(x - 4)$

2.  $(x + 3)(x + 8)$

3.  $(x + 7)(x - 7)$

4.  $(x - 9)(x - 2)$

5.  $(x + 9)(x + 8)$

**Factor the expressions shown below:**

6.  $x^2 - 15x + 54$

7.  $x^2 + 9x + 14$

8.  $x^2 - 5x - 36$

9.  $x^2 - 2x - 48$

10.  $x^2 - 4$

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**FOIL and Factor pop quiz (version 23)**

**FOIL the expressions shown below:**

1.  $(x - 2)(x + 2)$

2.  $(x - 8)(x + 7)$

3.  $(x + 8)(x - 2)$

4.  $(x - 4)(x - 4)$

5.  $(x + 4)(x + 1)$

**Factor the expressions shown below:**

6.  $x^2 - 7x + 12$

7.  $x^2 + 11x + 30$

8.  $x^2 - 6x + 5$

9.  $x^2 - 2x - 24$

10.  $x^2 + 15x + 56$

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**FOIL and Factor pop quiz (version 24)**

**FOIL the expressions shown below:**

1.  $(x - 3)(x - 2)$

2.  $(x + 1)(x - 7)$

3.  $(x - 1)(x - 1)$

4.  $(x - 2)(x + 8)$

5.  $(x - 5)(x + 7)$

**Factor the expressions shown below:**

6.  $x^2 + 7x - 18$

7.  $x^2 - 3x - 10$

8.  $x^2 + x - 20$

9.  $x^2 - 3x - 28$

10.  $x^2 - 4x - 45$

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**FOIL and Factor pop quiz (version 25)**

**FOIL the expressions shown below:**

1.  $(x + 8)(x - 3)$

2.  $(x - 6)(x + 7)$

3.  $(x - 1)(x - 7)$

4.  $(x + 2)(x + 6)$

5.  $(x + 2)(x - 8)$

**Factor the expressions shown below:**

6.  $x^2 - 6x + 5$

7.  $x^2 - 2x - 24$

8.  $x^2 - 9x + 14$

9.  $x^2 + 11x + 24$

10.  $x^2 + 16x + 63$

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**FOIL and Factor pop quiz (version 26)**

**FOIL the expressions shown below:**

1.  $(x - 2)(x + 7)$

2.  $(x - 1)(x - 3)$

3.  $(x + 9)(x + 3)$

4.  $(x - 4)(x + 4)$

5.  $(x + 2)(x + 3)$

**Factor the expressions shown below:**

6.  $x^2 - 5x - 14$

7.  $x^2 + 10x + 24$

8.  $x^2 - 5x - 24$

9.  $x^2 + 2x - 63$

10.  $x^2 + 10x + 21$

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**FOIL and Factor pop quiz (version 27)**

**FOIL the expressions shown below:**

1.  $(x + 9)(x - 5)$

2.  $(x - 2)(x + 7)$

3.  $(x - 9)(x - 9)$

4.  $(x + 5)(x + 2)$

5.  $(x + 8)(x + 3)$

**Factor the expressions shown below:**

6.  $x^2 - 7x - 18$

7.  $x^2 - 7x + 6$

8.  $x^2 - 3x - 18$

9.  $x^2 + 15x + 56$

10.  $x^2 - 5x - 36$